

MATERIAL SPECIFICATION

533. CHEMICAL ADMIXTURES FOR CONCRETE

1. SCOPE

This specification covers the quality of chemical admixtures for manufacturer of portland cement concrete.

2. QUALITY

Air-entraining admixtures shall conform to the requirements of ASTM Specification C 260.

Water reducing and/or retarding admixtures shall conform to the requirements of ASTM Specification C 494, Types A, B, D, F, or G.

Plasticizing or plasticizing and retarding admixtures shall conform to ASTM Specification C 1017.

Accelerating or water-reducing and accelerating admixtures shall be non-corrosive and conform to the requirements of ASTM Specification C 494, Types C and E. The manufacturer shall provide long-term test data results from an independent laboratory verifying that the product is non-corrosive when used in concrete exposed to continuously moist conditions.